ABSTRACT OF THE DISCLOSURE

A method of producing an N-alkoxycarbonylpiperidine derivative, comprising reacting an N-aralkylpiperidine derivative represented by the following general formula (1):

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wherein R¹ represents an aralkyl group which may have a substituent, with a mesyl halide in the presence of a base, thereby obtaining a mesylated product represented by the following general formula (2):

$$R^1-N$$
 OMs (2)

wherein R^1 represents an aralkyl group which may have a substituent and Ms represents a mesyl group, and

reacting the mesylated product with a dicarbonate represented by the following general formula (3):

$$R^4-O-C-O-C-O-R^4$$
 (3)

wherein R⁴ represents an alkyl group, in the presence of hydrogen and a catalyst containing palladium, thereby obtaining an N-alkoxycarbonylpiperidine

$$R^4$$
-O-C-N OMs (4)

wherein \mathbb{R}^4 represents an alkyl group and Ms represents a mesyl group.